

Converting Colors

CIELCh(65, 92.241, 134.946)

Have a look what the booklet for
CIELCh(65, 92.241, 134.946)
contains.

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Color

CIELCh(65, 92.127, 135.037)

Conversions

Conversions Part 1

Format	Color
Hex	1EB700
RGB	30, 183, 0
RGB Percent	12%, 72%, 0%
CMY	0.8842, 0.2832, 1.0000
CMYK	0.84, 0.00, 1.00, 0.28
HSL	110°, 100%, 36%
HSV	110°, 100%, 72%
XYZ	17.4086, 34.0472, 5.6400
YIQ	116.3910, -32.4450, -89.3490

Conversions

Conversions Part 2

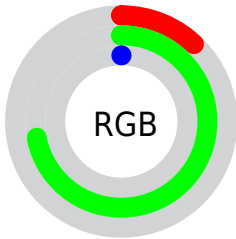
Format	Color
RYB	0, 183, 153
Decimal	2012928
CIELab	65.00, -65.19, 65.10
CIELCh	65, 92.127, 135.037
Yxy	34.0472, 0.3049, 0.5963
Android (android.graphics.Color)	4280203008 (0xFF1EB700)
YUV	116.3910, -57.3808, -75.7649
Hunter-Lab	58.3500, -48.8572, 35.1141

Details

The CIELCh color **65, 92.127, 135.037** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **38, 91.232, 322.082**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 91.959, 135.099**, and **46, 71.852, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **65, 92.077, 135.059**, and if you desaturate by 10%, it is **65, 88.823, 134.928**.

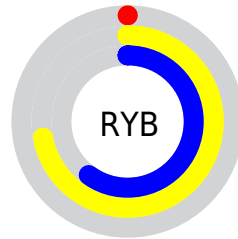
Distribution



Red (12%)

Green (72%)

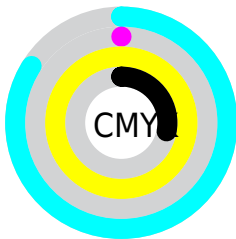
Blue (0%)



Red (0%)

Yellow (72%)

Blue (60%)

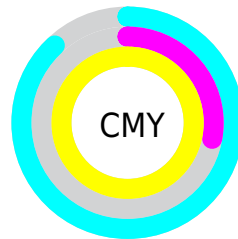


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (88%)


Magenta (28%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 92.127, 135.037 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 92.127, 135.037 by changing the saturation by 10% instead.


 65, 92.127,
135.037


 65, 92.127,
135.037


 100, 92.127,
135.037


 55, 92.127,
135.037


 85, 92.127,
135.037

 45, 92.127,
135.037

 95, 92.127,
135.037

 35, 92.127,
135.037

 25, 92.127,
135.037

 15, 92.127,
135.037

 5, 92.127, 135.037

 0, 92.127, 135.037

■ 65, 92.127,
135.037

■ 65, 92.127,
135.037

■ 65, 92.077,
135.059

■ 65, 88.823,
134.928

■ 66, 83.543,
135.055

■ 66, 76.170,
135.506

■ 67, 67.165,
136.155

■ 68, 57.004,
136.885

■ 69, 46.087,
137.618

■ 70, 34.724,
138.307

■ 71, 23.146,

138.932

■ 73, 11.527,
139.490

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 92.127, 135.037



38, 91.232, 322.082

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 92.127, 135.037



65, 92.127, 185.037



65, 92.127, 315.037



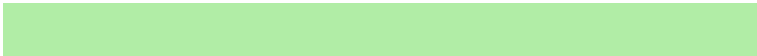
65, 92.127, 5.037

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 92.077, 135.059



88, 42.901, 138.274



64, 67.641, 90.721



47, 29.466, 137.990



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 92.077, 135.059



82, 112.106, 135.188



65, 80.565, 142.228



38, 6.551, 139.524



56, 81.621, 134.957



8, 18.200, 141.203

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38, 91.232, 322.082



50, 110.925, 321.985



40, 70.451, 347.396



36, 6.582, 320.351



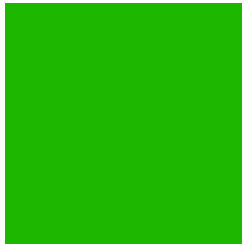
32, 80.962, 322.154



2, 17.480, 317.902

Previews

White Background



This preview shows how the CIE LCh color 65, 92.127, 135.037 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 92.127, 135.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

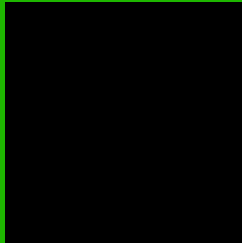
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 92.127, 135.037

Background



This preview shows how black text looks on a background with the CIELCh color 65, 92.127, 135.037.



This preview shows how white text looks on a background with the CIELCh color 65, 92.127, 135.037.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
65, 92.127, 135.037

Protanopia
65, 68.130, 95.035

Deuteranopia
64, 60.794, 81.803



Tritanopia
65, 27.223, 214.164

Trichromacy



Original Color
65, 92.127, 135.037



Protanomaly
63, 73.193, 117.734



Deuteranomaly
62, 65.719, 113.053



Tritanomaly
64, 49.880, 155.598

Monochromacy



Original Color
65, 92.127, 135.037



Achromatopsia
49, 0.007, 296.813



Achromatomaly
53, 43.378, 137.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 92.127, 135.037 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(30, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(30, 183, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(30, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 183, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 92.127, 135.037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(30, 183, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(30, 183, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(30, 183, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(30, 183, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 65, 92.127, 135.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 183, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(30, 183,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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